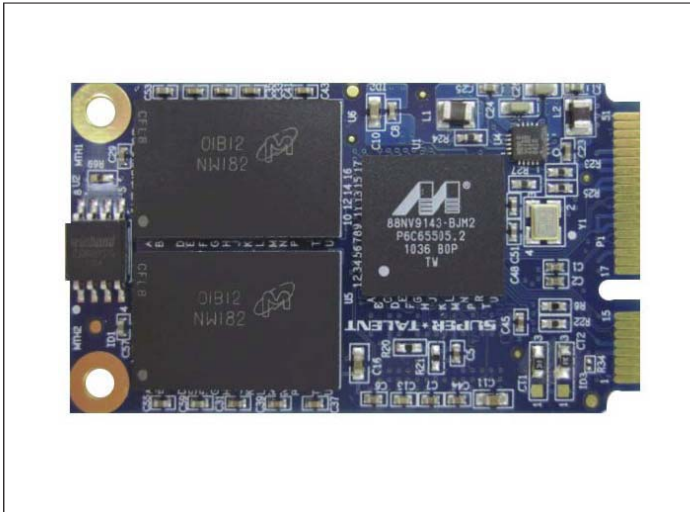


Core Store MV Netbook SSDs

Solid State Drive



The CoreStore MV is an ultra small form factor SSD designed to fit in to a standard Mini-PCle (30x50.95mm) slot. Featuring the new Marvell controller (88NV9143), latest ONFi 2 flash, the CoreStore MV offers huge performance and an ultra-compact size. The standard mini-PCle card form factor is perfect for Embedded Applications, Industrial PCs, All-in-One PCs, Netbook PCs and Notebooks.

The ONFi 2 flash, utilized in this design, is the very latest in technology in NAND flash today. Supporting DDR (double data rate), this ONFi flash enabled us to create a performance architecture using only 4 flash placements.

Available in 16GB to 128GB capacities and with MLC and SLC flash.

Note: Gen 2 PCI slot required for top speeds.

Physical Specifications

MLC	
Capacity	16GB – 128GB
Dimension	30 mm x 50.95 mm
Interface	Mini PCIe
NAND Flash	MLC
Power Supply	3.3V \pm 10%
Operating Temp.	0°C - 70°C

SLC	
Capacity	16GB – 64GB
Dimension	30 mm x 50.95 mm
Interface	Mini PCIe
NAND Flash	SLC
Power Supply	3.3V _{cc} \pm 5%
Operating Temp.	0°C - 70°C

Performance Specifications

Flash	Capacity	User Capacity	Sequential Read(MB/Sec)	Sequential Write(MB/Sec)
MLC	16GB	12.5GB	250	40
	32GB	25GB	350	50
	64GB	50GB	350	80
	128GB	100GB	350	80
SLC	16GB	12.5GB	350	220
	32GB	25GB	350	220
	64GB	50GB	350	220

Ordering Information

MLC	
16GB	SR16C6MME
32GB	SR32C7MME
64GB	SR64C8MME
128GB	SR28C9MME

SLC	
16GB	SR16D6MME
32GB	SR32D7MME
64GB	SR64D8MME